

032904

13281 U.S.PTO

PTO/SB/05 (03-01)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 58]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications (*if applicable*)
 - Statement Regarding Fed sponsored R & D (*if applicable*)
 - Reference to sequence listing, a table, or a computer program listing appendix (*if applicable*)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 21]
5. Oath or Declaration [Total Pages 5]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Divisional of prior Application Serial No. 10/073,285 filed February 13, 2002

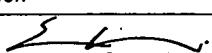
Prior application information:

Examiner: S. Hu

Group / Art Unit: 2811

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | | | |
|---|---|-----------|-----------------------------------|--|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | | 31780 | | or <input type="checkbox"/> Correspondence address below | |
| Name | Eric J. Robinson | | | | |
| Address | Robinson Intellectual Property Law Office | | | | |
| | PMB 955 | | | | |
| | 21010 Southbank Street | | | | |
| City | Potomac Falls | State | Virginia | Zip Code | 20165 |
| Country | USA | Telephone | 571-434-6789 | Fax | 571-434-9499 |
| Name (Print/Type) | Eric J. Robinson | | Registration No. (Attorney/Agent) | | 38,285 |
| Signature |  | | Date | | March 29, 2004 |

22856 U.S.PTO
10/810675

032904

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FEE TRANSMITTAL FOR FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 1424.00)

Complete if Known

| | |
|----------------------|--------------------------|
| Application Number | Based on 10/073,285 |
| Filing Date | February 13, 2002 |
| First Named Inventor | Hirokazu YAMAGATA et al. |
| Examiner Name | S. Hu |
| Group Art Unit | 2811 |
| Attorney Docket No. | 0756-7276 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-2280

Deposit Account Name Robinson Intellectual Property Law Office

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit overpayments Applicant claims small entity status. See 37 CFR 1.272. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|--------------------------------|----------|
| 1001 | 770 | 2001 385 Utility filing fee | \$770 |
| 1002 | 340 | 2002 170 Design filing fee | |
| 1003 | 530 | 2003 265 Plant filing fee | |
| 1004 | 770 | 2004 385 Reissue filing fee | |
| 1005 | 160 | 2005 80 Provisional filing fee | |

SUBTOTAL (1) (\$ 770.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|----------------------|--------------|----------------|----------|
| 42 | -20** = 22 | X \$18 | = \$396 |
| Independent Claims 6 | -3** = 3 | X \$86 | = \$258 |
| Multiple Dependent | | | |

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------|-----------------------|---|
| 1202 | 18 | 2202 9 Claims in excess of 20 |
| 1201 | 86 | 2201 43 Independent claims in excess of 3 |
| 1203 | 290 | 2203 145 Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 43 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 654.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|---|-----------------------|--|-------------------|
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 130 Non-English specification | |
| 1812 | 2,520 | 1812 2,520 For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 55 Extension for reply within first month | |
| 1252 | 420 | 2252 210 Extension for reply within second month | |
| 1253 | 950 | 2253 465 Extension for reply within third month | |
| 1254 | 1,480 | 2254 740 Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 1005 Extension for reply within fifth month | |
| 1401 | 330 | 2401 165 Notice of Appeal | |
| 1402 | 330 | 2402 165 Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 145 Request for oral hearing | |
| 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 55 Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 665 Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 665 Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 240 Design issue fee | |
| 1503 | 640 | 2503 320 Plant issue fee | |
| 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Processing fee under 37 CR 1.17(q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 770 | 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 385 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | |
| Other fee (specify) Certificate of Correction | | | |
| * Reduced by Basic Filing Fee Paid | | | SUBTOTAL (3) (\$) |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Eric J. Robinson | Registration No. (Attorney/Agent) | 38,285 | Telephone | (571) 434-6789 |
| Signature |  | | | Date | 3-29-04 |